

## AWWA 2017 Water Audit Level 1 Validation – Review Document

### Audit Information:

**Utility:** Watsonville      **PWS ID:** CA4410011  
**System Type:** Potable      **Audit Period:** Calendar 2017  
**Utility Representation:** Beau Kayser (Water Operations Supervisor), Silvia Diaz, Gabe Gordo, Max Brandenburg (Customer Service Manager), Hilda Martinez  
**Validation Date:** 8/24/2018      **Call Time:** 11:30am      **Sufficient Supporting Documents Provided:** Yes

### Validation Findings & Confirmation Statement:

#### Key Audit Metrics:

**Data Validity Score:** 54    **Data Validity Band (Level):** Band III (51-70)  
**ILI:** 0.48      **Real Loss:** 6.68 (gal/conn/day)      **Apparent Loss:** 8.24 (gal/conn/day)  
**Non-revenue water as percent of cost of operating system:** 1.5%

#### Certification Statement by Validator:

This water loss audit report has been Level 1 validated per the requirements of California Code of Regulations Title 23, Division 2, Chapter 7 and the California Water Code Section 10608.34.

All recommendations on volume derivation and Data Validity Grades were incorporated into the water audit. ☒

### Validator Information:

**Water Audit Validator:** Drew Blackwell    **Validator Qualifications:** Contractor for California Water Loss TAP

Validator Provided

## 2017 AWWA Water Audit Level 1 Validation

**Water System Name:** Watsonville, City of    **Water System ID Number:** 4410011    **Water Audit Period:** Calendar 2017

### Water Audit & Water Loss Improvement Steps:

Steps taken in preceding year to increase data validity, reduce real loss and apparent loss as informed by the annual validated water audit:

Effective water rate structure in place and being applied reliably in billing operations.

Regular meter accuracy testing and replacement of statistically significant number of meters each year.

### Certification Statement by Utility Executive:

This water loss audit report meets the requirements of California Code of Regulations Title 23, Division 2, Chapter 7 and the California Water Code Section 10608.34 and has been prepared in accordance with the method adopted by the American Water Works Association, as contained in their manual, *Water Audits and Loss Control Programs, Manual M36, Fourth Edition* and in the Free Water Audit Software version 5.

Steve Palmisano

Public Works Director



9/19/2018

Executive Name (Print)

Executive Position

Signature

Date

Utility Provided